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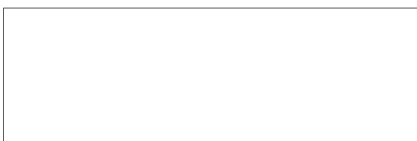
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PHOOTOGRAPHIC
INTERPRETATION
REPORT

NATIONAL PHOTOGRAPHIC
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**AS-9 SPECIAL-PURPOSE
VEHICLE SET IN THE USSR
AND HUNGARY (TSR)**



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AS-9 SPECIAL-PURPOSE VEHICLE SET IN THE USSR AND HUNGARY (TSR)

ABSTRACT

1. (TSR) A special-purpose vehicle set has been identified on KEYHOLE imagery at ten tactical aviation airfields in the USSR and Hungary (Figure 1). This set of vehicles is unique to airfields equipped with either FENCER A or FITTER C/D aircraft and is generally seen parked in the AS-9 support facility. It is thought that the vehicles provide checkout and service support for the AS-9 tactical air-to-surface missile system. The special-purpose vehicle set consists of at least three van trucks, two truck-tractor prime movers, a water service truck, an air compressor truck, two oxidizer transporter trailers, and a double-axle generator trailer.

2. (S) This report contains a location map, a table, and nine annotated photographs.

BASIC DESCRIPTION

3. (TSR) In September 1976, a set of specialized ground support vehicles was identified in the AS-9 support facility at airfields at both Komsomolsk and Domna, USSR (Figures 2 and 3). Since that time, similar sets of vehicles have been identified at airfields in the USSR at Borzya, Gorodok, Lutsk, Samtredia, Siverskiy, Staro-Konstantinov, and Tukums and in Hungary at Kunmadaras (Figure 1 and Table 1). At seven of the ten airfields, the vehicles were identified at the AS-9 support facility; at the remaining three airfields which do not yet have an AS-9 support facility, the vehicles were parked near the motor pool. Of the ten airfields, six house a FENCER A regiment; four house a FITTER C/D regiment; and AS-9 shipping containers were present at all but two of the airfields (Table 1).

4. (TSR) Based on the types of specialized vehicles that make up the special-purpose vehicle set and the proximity of the set to the AS-9 support facility, it is thought that these vehicles provide checkout and service support for the liquid-fueled AS-9 tactical air-to-surface missile and its associated systems. The table below lists the types and numbers of equipment that constitute a complete set, and Figures 4 through 9 are ground photographs of the different types of equipment.

2	ZIL-131V	truck-tractor prime movers
1	ZIL-131	water service truck
1	ZIL-130	} air compressor truck
	or	
1	ZIL-157	
2	GAZ-66	electronics checkout van trucks
1	GAZ-66	workshop van truck
2		oxidizer transporter trailers
1	ESD-20-VS	double-axle generator trailer

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Table 1. AS-9 Special-Purpose Vehicle Sets
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Airfield*	Vehicle Set Collocated with AS-9 Spt Fac	FENCER A Regiment Assigned	FITTER C/D Regiment Assigned	AS-9 Shpg Cntrs Present	Vehicle Set Complete	Vehicle Set Before FENCER A, FITTER C/D, or AS-9 Shpg Cntr Deployment
Borzya Airfield NW	Yes	No	Yes	Yes	No	No
Domna Airfield	Yes	Yes	No	Yes	Yes	No
Gorodok Airfield	Yes	Yes	No	Yes	Yes	No
Komsomolsk South Airfield	Yes	Yes	No	Yes	Yes	No
Kunmadaras Airfield	Yes	No	Yes	Yes	Yes	No
Lutsk Airfield North	Yes	No	Yes	Yes	No	No
Samtredia Airfield East	No	Yes	No	Yes	Yes	Yes
Siverskiy Airfield	Yes	No	Yes	Yes	Yes	No
Staro Konstantinov Airfield	No	Yes	No	No	Yes	Yes
Tukums Airfield	No	Yes	No	No	Yes	No

*With the exception of Kunmadaras (Hungary), all of the airfields are in the USSR.

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In addition, the special-purpose vehicle set may also contain the equipment listed below.

- 1 URAL-375 truck-mounted crane
- 1 ZIL-131 cargo truck or van truck
- 1 GAZ-66 van truck
- 1 Double-axle generator trailer
- 1 Double-axle cargo trailer

Only a partial set of vehicles have been observed at two airfields (Table 1).

5. (TSR) Further analysis of the ten airfields revealed that in at least two cases the special-purpose vehicle set was present prior to the deployment of either the FENCER A, FITTER C/D, or AS 9 shipping containers (Table 1). Therefore, if a sighting of the special-purpose vehicle set is used as a possible signature, it may indicate a new or pending deployment of either FENCER A, FITTER D, or the AS-9 tactical air-to-surface missile system.

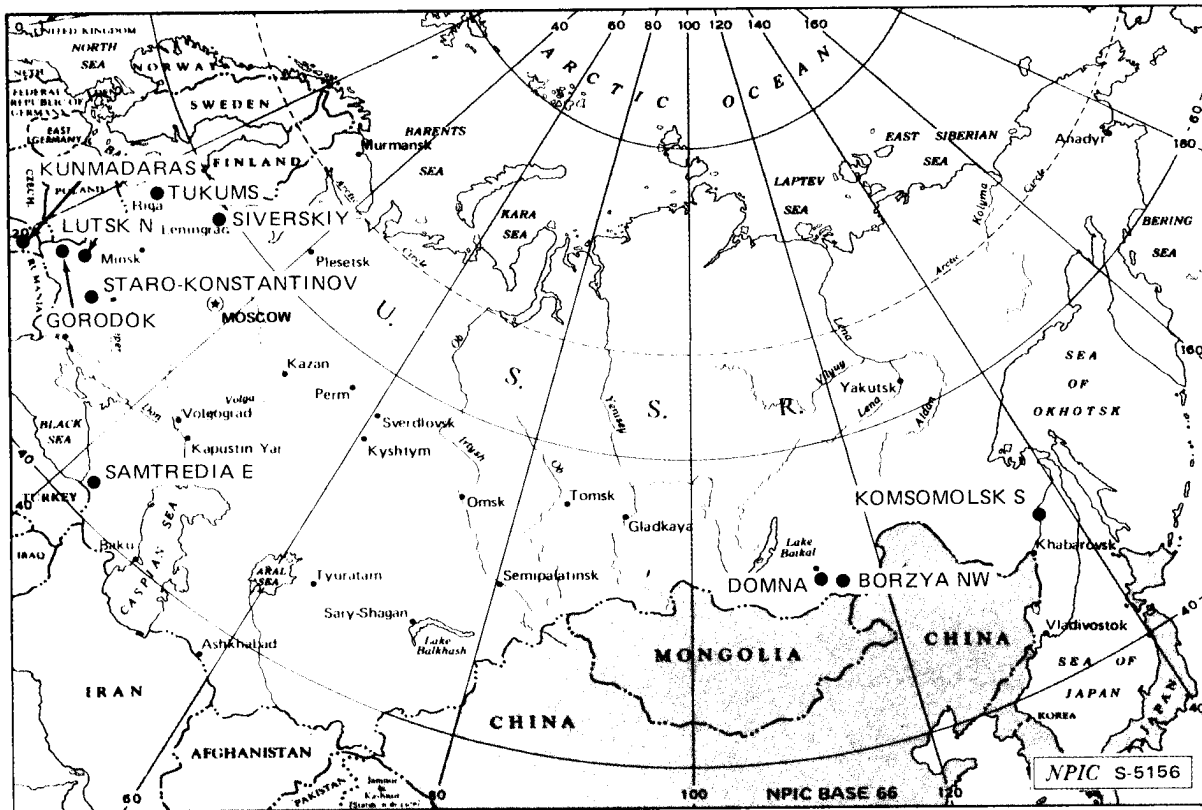


FIGURE 1. LOCATIONS OF AIRFIELDS EQUIPPED WITH THE SPECIAL-PURPOSE VEHICLE SET IN THE USSR AND HUNGARY

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FIGURE 4. ZIL-131V TRUCK-TRACTOR PRIME MOVER

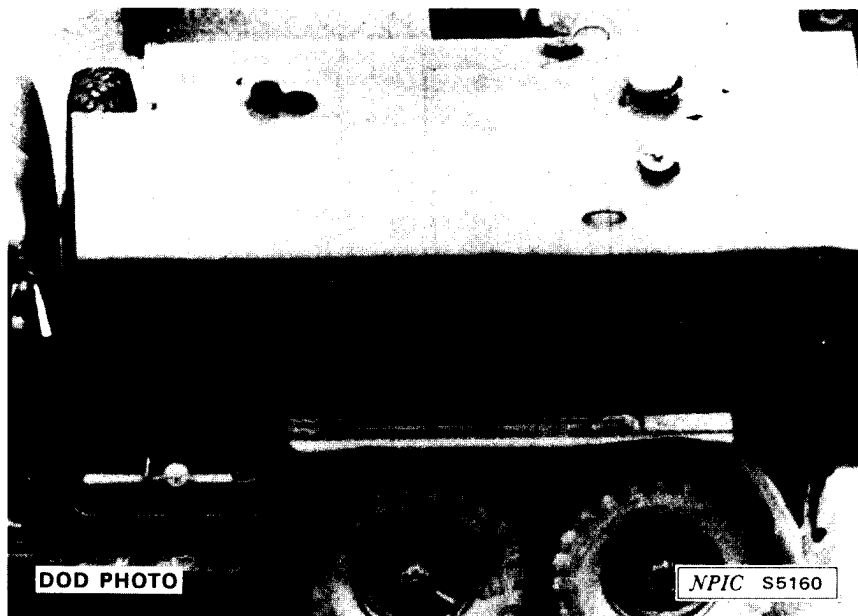


FIGURE 5. ZIL-131 WATER SERVICE TRUCK. The bottom photo shows only the rear of the truck.

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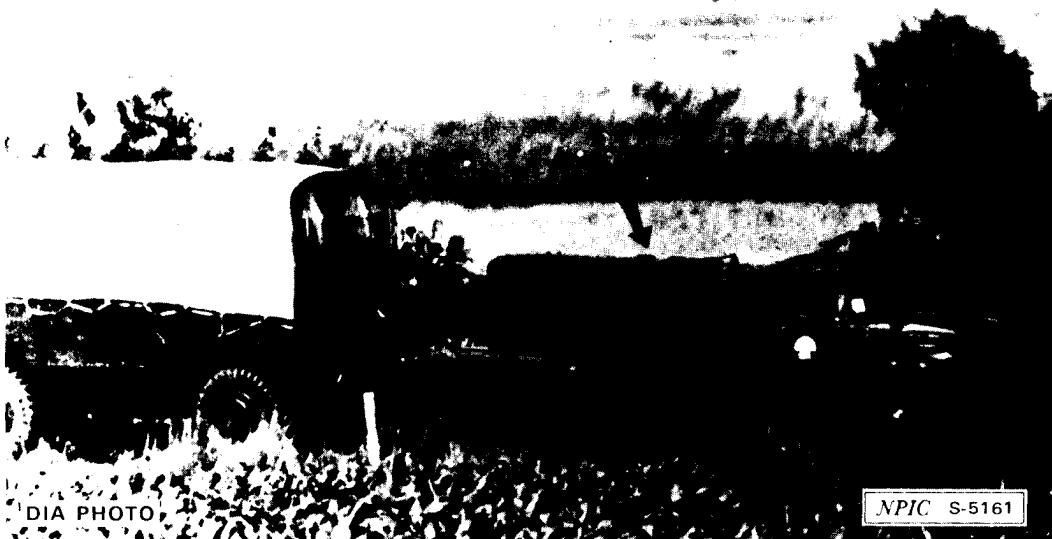


FIGURE 6. ZIL-130 AIR COMPRESSOR TRUCK



FIGURE 7. GAZ-66 ELECTRONICS CHECKOUT VAN TRUCK

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FIGURE 8. OXIDIZER TRANSPORTER TRAILER

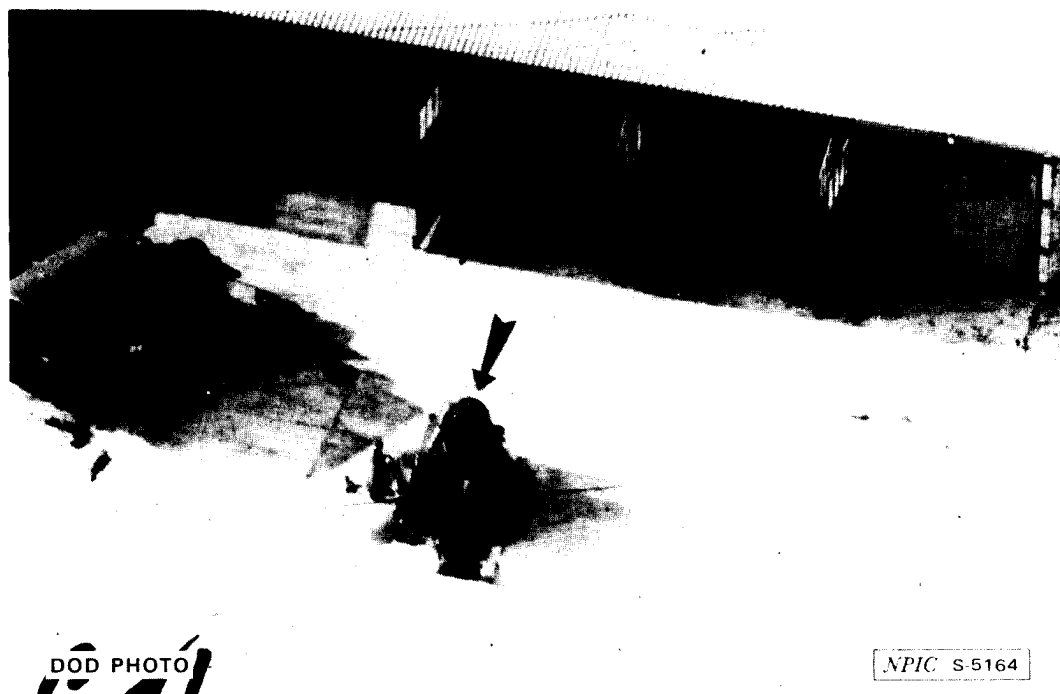
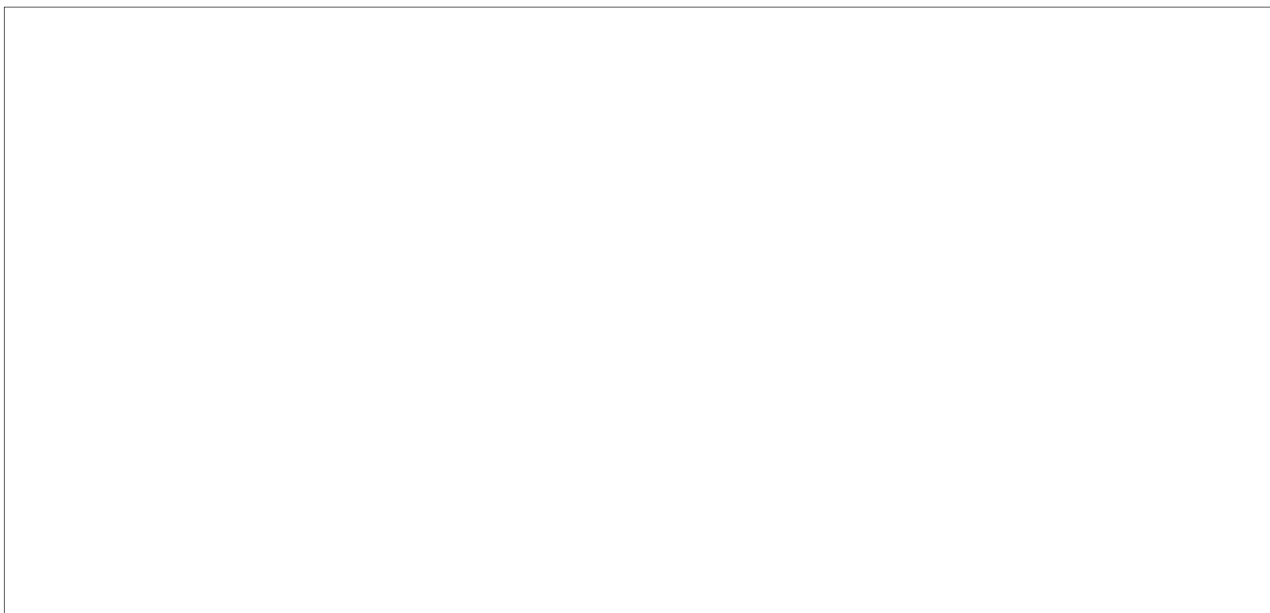


FIGURE 9. ESD-20-VS DOUBLE-AXLE GENERATOR TRAILER

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REFERENCES



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REQUIREMENT

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